

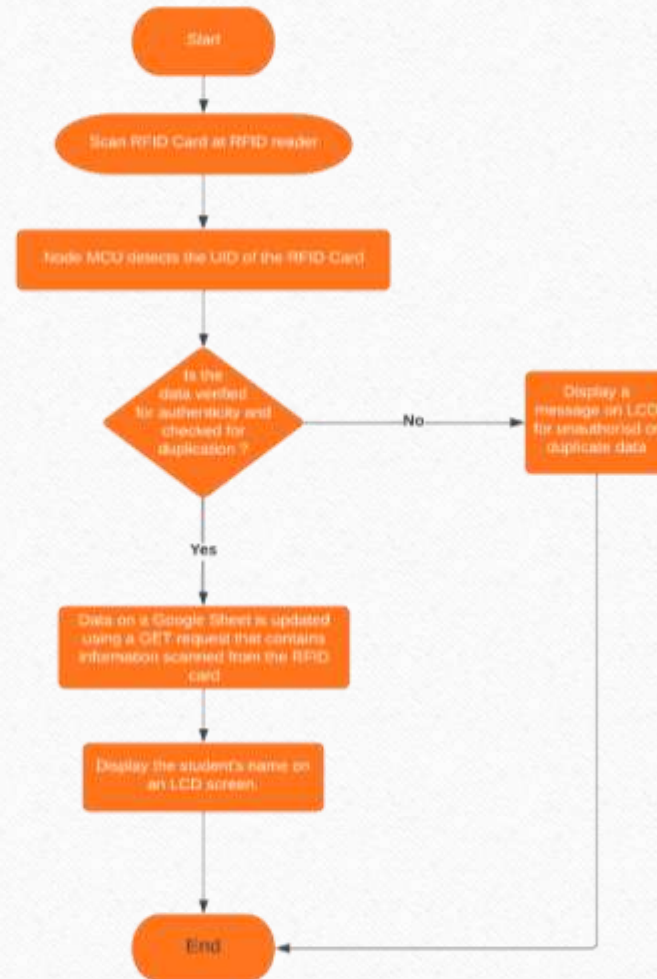
# IOT PROJECT

## RFID Based Attendance System

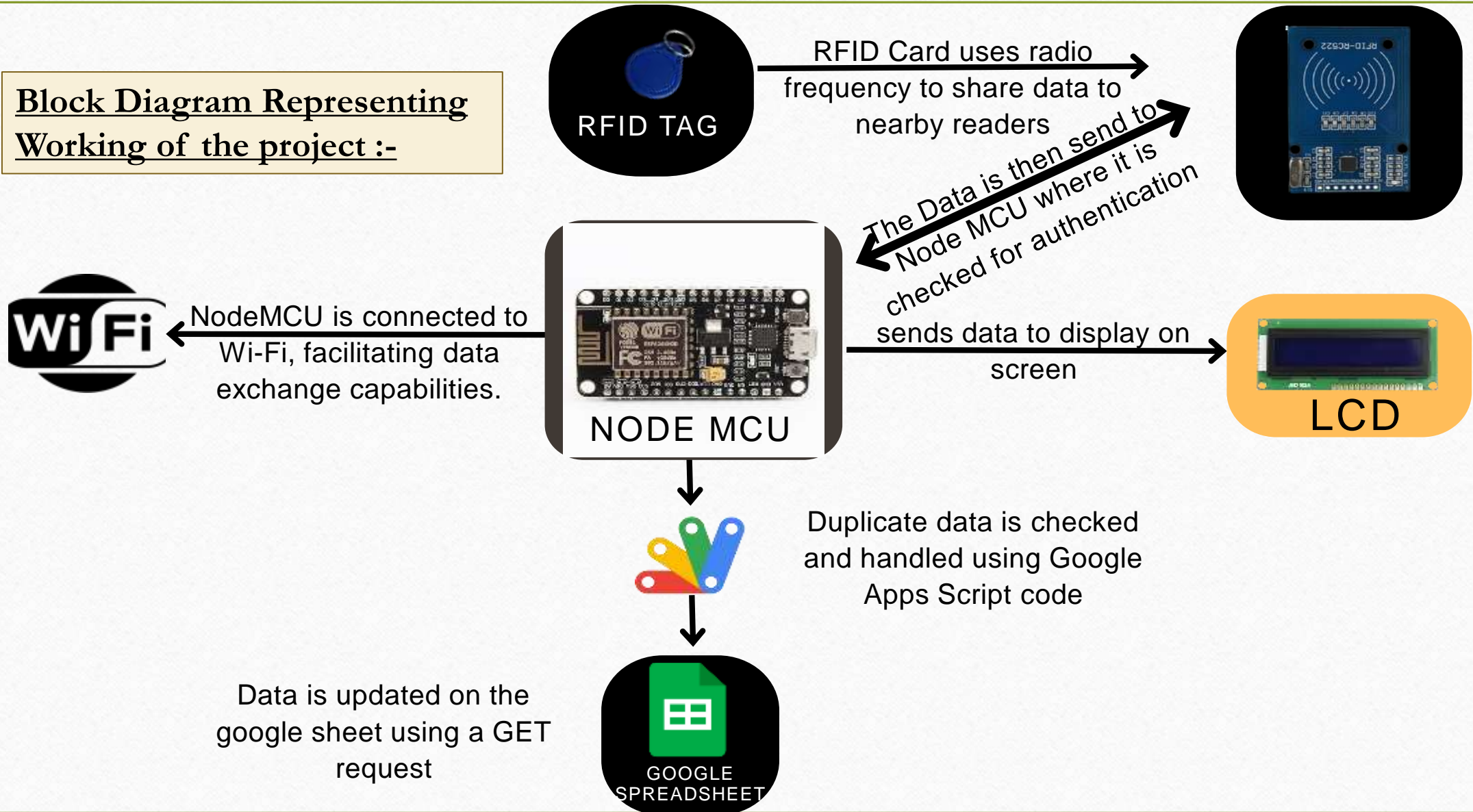
### Team Members :-

• Yash Saxena	12213128	12213128@nitkkr.ac.in	9560039731
• Abhishek Kumar	12213136	12213136@nitkkr.ac.in	8210795790
• Chandrabhushan Mishra	12213139	12213139@nitkkr.ac.in	9005614496
• Yajat Rajput	12213133	12213133@nitkkr.ac.in	6397183068
• Rishank Rajput	12213143	12213143@nitkkr.ac.in	8448053947
• Archit Chetan Chhajed	12213059	12213059@nitkkr.ac.in	9930560665

## Flow Chart Depicting Sequential Processes Involved



**Block Diagram Representing Working of the project :-**





# Working

---

- Firstly we programme the information into the RFID tags & cards.
- Then we scanned the programmed cards & tags using RFID reader, which reads the information on the tags, where the authorization of the tags takes place.
- Duplicate data is checked and handled using Google Apps Script code
- Then using a post request the data is sent to google sheets which makes an entry having time & date of attendance.

# Project Dependencies

## Hardware Requirements :-

- Node MCU
- RFID Reader
- RFID Tag & Card

## Software Requirements :-

- Google Sheets
- App Script
- Arduino IDE
- Libraries :-
  - ESP8226
  - MFRC522
  - Adafruit

## Language Used:-

- Embedded C
- Javascript

THANK YOU